JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS
Volume 77, Number 1–2, 13 January 1997

Contents

A. Bultheel and M. Van Barel
Preface 1

B. Beckermann and G. Labahn
Recursiveness in matrix rational interpolation problems 5

C. Brezinski
Projection methods for linear systems 35

A. Bultheel, C. Díaz-Mendoza, P. González-Vera and R. Orive
Quadrature on the half-line and two-point Padé approximants to Stieltjes functions—II: Convergence 53

A. Bultheel, P. González-Vera, E. Hendriksen and O. Njåstad
Rates of convergence of multipoint rational approximants and quadrature formulas on the unit circle 77

M.R. Capobianco, G. Criscuolo and P. Junghanns
A fast algorithm for Prandtl's integro-differential equation 103

B. Fritzsche, S. Fuchs and B. Kirstein
On Arov-normalized j_{pq}-elementary factors 129

B. Fritzsche, B. Kirstein and K. Müller
A block completion problem for matrix-valued inner functions 157

P.R. Graves-Morris and D.E. Roberts
Problems and progress in vector Padé approximation 173

P. Junghanns and U. Luther
Cauchy singular integral equations in spaces of continuous functions and methods for their numerical solution 201

A.C. Matos
Integral representation of the error and asymptotic error bounds for generalized Padé type approximants 239

O. Njåstad and H. Waadeland
Asymptotic properties of zeros of orthogonal rational functions 255

P. Verlinden
Acceleration of Gauss–Legendre quadrature for an integrand with an endpoint singularity 277